

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 13.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001917**Date Inspected:** 07-Apr-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Oregon Iron Works Clackamas, Or.**Location:** Clackamas, OR**CWI Name:** Steve Williams**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Hinge K**Summary of Items Observed:**

On this date, Caltrans Quality Assurance Inspector (QA) Danny C. White (B89) was present at Oregon Iron Works (OIW) for the purpose of monitoring fabrication operations of the Hinge K Pipe Beam at the OIW fabrication and welding shop in Clackamas, Oregon.

The QA Inspector performed random observations in the fabrication and machine shops at OIW. The QA Inspector observed that the operator of the 30 foot planer mill in the fabrication shop (Bay #1) is machining on stiffener components. The QA Inspector was informed that this work is being performed on component surfaces that will be later fabricated as "mill to bear". The QA Inspector performed a random check of several these components and the machining performed appears to be in conformance with contract documents.

**Summary of Conversations:**

There were discussions about OIW's Welding Quality Control Plan (WQCP) with Structural Materials Representative (SMR) Mr. Ryan Smith, Chief of Materials Engineering and Testing (METS) Mr. Phil Stolarski and OIW's Quality Control Manager, Steve Williams.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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## WELDING INSPECTION REPORT

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**Inspected By:** White,Danny

Quality Assurance Inspector

**Reviewed By:** Wright,Mark

QA Reviewer